

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (ARTICLE 2 OF 9 VAC 5  
CHAPTER 80)

9 VAC 5 CHAPTER 80.

PERMITS FOR STATIONARY SOURCES.

ARTICLE 2.

Permit Program Fees for Stationary Sources [~~(Rule 8-6)~~].

9 VAC 5-80-310. Applicability.

A. Except as provided in subsection C of this section, the provisions of this article apply to the following stationary sources:

1. Any major source.
2. Any source, including an area source, subject to a standard, limitation, or other requirement under § 111 of the federal Clean Air Act.
3. Any source, including an area source, subject to a standard, limitation, or other requirement under § 112 of the federal Clean Air Act.
4. Any affected source.
5. Any other source subject to the permit requirements of Article 1 (9

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (ARTICLE 2 OF 9 VAC 5 CHAPTER 80)

VAC 5-80-50 et seq.) or Article 3 (9 VAC 5-80-360 et seq.) of this chapter.

6. Any source that would be subject to the permit requirements of Article 1 (9 VAC 5-80-50 et seq.) of this chapter 80 in the absence of a permit issued under 9 VAC 5-80-40.

B. The provisions of this article apply throughout the Commonwealth of Virginia.

C. The provisions of this article shall not apply to the following:

1. All sources and source categories that would be subject to this article solely because they are subject to the provisions of 40 CFR Part 60, Subpart AAA (standards of performance for new residential wood heaters), as prescribed in Article 5 (9 VAC 5-50-400 et seq.) of 9 VAC 5 Chapter 50.

2. All sources and source categories that would be subject to this article solely because they are subject to the provisions of 40 CFR Part 61, Subpart M, § 61.145 (national emission standard for hazardous air pollutants for asbestos, standard for demolition and renovation), as prescribed in Article 1 (9 VAC 5-60-60 et seq.) of 9 VAC 5 Chapter 60.

3. Any source issued a permit under [~~9 VAC 5-80-10, Article 8 (9 VAC 5-80-1700 et seq.) of this chapter or 9 VAC 5-80-30~~ the new source review program] that

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (ARTICLE 2 OF 9 VAC 5 CHAPTER 80)

began initial operation during the calendar year preceding the year in which the annual permit program fee is assessed.

4. That portion of emissions in excess of 4,000 tons per year of any regulated air pollutant emitted by any source otherwise subject to an annual permit program fee.

5. During the years 1995 through 1999 inclusive, any affected source under § 404 of the federal Clean Air Act (phase I sulfur dioxide requirements).

6. Any emissions unit within a stationary source subject to this article that is identified as being an insignificant activity in Article 4 (9 VAC 5-80-710 et seq.) of this chapter.

7. All sources and source categories that would be subject to this article solely because they are subject to regulations or requirements under § 112(r) of the federal Clean Air Act.

8. Any source deferred by the provisions of subsection D of this section provided the source is not part of a major source.

D. Sources shall be deferred from initial applicability as follows.

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (ARTICLE 2 OF 9 VAC 5 CHAPTER 80)

1. Area sources subject to this article under subsection A 2 or subsection A 3 of this section shall be deferred from the obligation to pay fees under this article except as follows.

a. In cases for which EPA has promulgated a standard under § 111 or § 112 and has declared that the facility or source category covered by the standard is subject to the Title V program, the facility or source category shall be subject to this article.

b. In cases for which EPA has promulgated a standard under § 111 or § 112 after July 21, 1992, and has failed to declare whether the facility or source category covered by the standard is subject to the Title V program, the facility or source category shall be subject to this article.

2. The following sources shall not be deferred from the obligation to pay fees under this article:

a. Major sources.

b. Solid waste incineration units subject to the provisions of 9 VAC 5 Chapter 40 (9 VAC 5-40-10 et seq.) and 9 VAC 5 Chapter 50 (9 VAC 5-50-10 et seq.) as adopted pursuant to § 129 (e) of the federal Clean Air Act.

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (ARTICLE 2 OF 9 VAC 5 CHAPTER 80)

3. Any source deferred under subsection D 1 of this section may apply for a permit under Article 1 (9 VAC 5-80-50 et seq.) or Article 3 (9 VAC 5-80-360 et seq.) of 9 VAC 5 Chapter 80. If the source applies for a permit, the source shall be subject to this article and shall pay fees accordingly.

E. Particulate matter emissions shall be used to determine the applicability of this article to major sources or to determine actual emissions only if particulate matter ( $PM_{10}$ ) emissions cannot be quantified in a manner acceptable to the board.

9 VAC 5-80-320. Definitions.

A. For the purpose of this article and subsequent amendments or any orders issued by the board, the words or phrases shall have the meaning given them in subsection C of this section.

B. All words and phrases not defined in subsection C of this section shall have the meaning given them in 9 VAC 5 Chapter 10 (9 VAC 5-10-10 et seq.), unless otherwise required by context.

C. Terms defined.

"Actual emissions" means the actual rate of emissions in tons per year of any regulated air pollutant emitted from a source subject to this article over the preceding

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (ARTICLE 2 OF 9 VAC 5  
CHAPTER 80)

calendar year. Actual emissions may be calculated according to any method acceptable to the department provided such calculation takes into account the source's actual operating hours, production rates, in-place control equipment, and types of materials processed, stored, or combusted during the preceding calendar year. Any regulated pollutant which could be classed in more than one category shall be classed in only one category.

"Affected source" means a source that includes one or more affected units.

"Affected unit" means a unit that is subject to any federal acid rain emissions reduction requirement or acid rain emissions limitation under 40 CFR Parts 72, 73, 75, 77 or 78.

"Area source" means any stationary source that is not a major source. For purposes of this section, the phrase "area source" shall not include motor vehicles or nonroad vehicles.

"Hazardous air pollutant" means ~~any pollutant listed in §112(b)(1) of the federal Clean Air Act~~ air pollutant listed in § 112(b) of the federal Clean Air Act, as amended by 40 CFR 63.60.

"Major source" means:

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (ARTICLE 2 OF 9 VAC 5  
CHAPTER 80)

a. For hazardous air pollutants other than radionuclides, any stationary source that emits or has the potential to emit, in the aggregate, 10 tons per year or more of any hazardous air pollutant or 25 tons per year or more of any combination of hazardous air pollutants. Notwithstanding the preceding sentence, emissions from any oil or gas exploration or production well (with its associated equipment) and emissions from any pipeline compressor or pump station shall not be aggregated with emissions from other similar units, whether or not such units are in a contiguous area or under common control, to determine whether such units or stations are major sources.

b. For air pollutants other than hazardous air pollutants, any stationary source that directly emits or has the potential to emit 100 tons per year or more of any air pollutant (including any major source of fugitive emissions of any such pollutant). The fugitive emissions of a stationary source shall not be considered in determining whether it is a major stationary source, unless the source belongs to one of the following categories of stationary source:

(1) Coal cleaning plants (with thermal dryers);

(2) Kraft pulp mills;

(3) Portland cement plants;

(4) Primary zinc smelters;

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (ARTICLE 2 OF 9 VAC 5  
CHAPTER 80)

- (5) Iron and steel mills;
- (6) Primary aluminum ore reduction plants;
- (7) Primary copper smelters;
- (8) Municipal incinerators capable of charging more than 250  
tons of refuse per day;
- (9) Hydrofluoric, sulfuric, or nitric acid plants;
- (10) Petroleum refineries;
- (11) Lime plants;
- (12) Phosphate rock processing plants;
- (13) Coke oven batteries;
- (14) Sulfur recovery plants;
- (15) Carbon black plants (furnace process);

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (ARTICLE 2 OF 9 VAC 5  
CHAPTER 80)

- (16) Primary lead smelters;
- (17) Fuel conversion plant;
- (18) Sintering plants;
- (19) Secondary metal production plants;
- (20) Chemical process plants;
- (21) Fossil-fuel boilers (or combination thereof) totaling more than 250 million British thermal units per hour heat input;
- (22) Petroleum storage and transfer units with a total storage capacity exceeding 300,000 barrels;
- (23) Taconite ore processing plants;
- (24) Glass fiber processing plants;
- (25) Charcoal production plants;

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (ARTICLE 2 OF 9 VAC 5  
CHAPTER 80)

(26) Fossil-fuel-fired steam electric plants of more than 250 million British thermal units per hour heat input; or

(27) Any other stationary source category regulated under § 111 or §112 of the federal Clean Air Act for which the Administrator has made an affirmative decision under § 302(j) of the Act.

c. For ozone nonattainment areas, any stationary source with the potential to emit 100 tons per year or more of volatile organic compounds or nitrogen oxides in areas classified as "marginal" or "moderate," 50 tons per year or more in areas classified as "serious," 25 tons per year or more in areas classified as "severe," and 10 tons per year or more in areas classified as "extreme"; except that the references in this definition to 100, 50, 25, and 10 tons per year of nitrogen oxides shall not apply with respect to any source for which the administrator has made a finding that requirements under § 182(f) of the federal Clean Air Act (NO<sub>x</sub> requirements for ozone nonattainment areas) do not apply.

d. For attainment areas in ozone transport regions, any stationary source with the potential to emit 50 tons per year or more of volatile organic compounds.

"Permit program costs" means all reasonable (direct and indirect) costs required to develop, administer, and enforce the permit program; and to develop and administer the Small Business Technical and Environmental Compliance Assistance

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (ARTICLE 2 OF 9 VAC 5  
CHAPTER 80)

Program established pursuant to the provisions of § 10.1-1323 of the Code of Virginia.

"Potential to emit" means the maximum capacity of a stationary source to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored, or processed, shall be treated as part of its design if the limitation is state and federally enforceable.

"Regulated air pollutant" means any of the following:

- a. Nitrogen oxides or any volatile organic compound.
- b. Any pollutant for which an ambient air quality standard has been promulgated except carbon monoxide.
- c. Any pollutant subject to any standard promulgated under § 111 of the federal Clean Air Act.
- d. Any pollutant subject to a standard promulgated under § 112 (hazardous air pollutants) or other requirements established under § 112 of the federal Clean Air Act, particularly §§ 112(b), 112(d), 112(g)(2), 112(j), and 112(r); except that any pollutant that is a regulated pollutant solely because it is subject to a standard or regulation

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (ARTICLE 2 OF 9 VAC 5  
CHAPTER 80)

under § 112(r) of the federal Clean Air Act shall be exempt from this article.

"Research and development facility" means all the following as applied to any stationary source:

a. The primary purpose of the source is the conduct of either (i) research and development into new products or processes or into new uses for existing products or processes or (ii) basic research to provide for education or the general advancement of technology or knowledge.

b. The source is operated under the close supervision of technically trained personnel.

c. The source is not engaged in the manufacture of products ~~for commercial sale in any manner inconsistent with a (i) or (ii) of this definition.~~

An analytical laboratory that primarily supports a research and development facility is considered to be part of that facility.

"Stationary source" means any building, structure, facility or installation which emits or may emit any regulated air pollutant. A stationary source shall include all of the pollutant-emitting activities which belong to the same industrial grouping, are located on one or more contiguous or adjacent properties, and are under the control of the same

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (ARTICLE 2 OF 9 VAC 5 CHAPTER 80)

persons (or persons under common control). Pollutant-emitting activities shall be considered as part of the same industrial grouping if they belong to the same "Major Group" (i.e., if they have the same two-digit code) as described in the Standard Industrial Classification Manual (see 9 VAC 5-20-21). Any research and development facility shall be considered a separate stationary source from the manufacturing or other facility with which it is co-located.

9 VAC 5-80-330. General.

A. The owner of any source subject to this article shall pay an annual permit program fee.

B. Permit program fees collected pursuant to this article for sources subject to Article 1 (9 VAC 5-80-50 et seq.) of this chapter shall not be used for any purpose other than as provided in Title V of the federal Clean Air Act and associated regulations and policies.

C. The owner shall be exempt from paying the annual permit program fee ~~in any year for which the fee is assessed at \$300 or less for any year during which the total actual emissions are 10 tons or less.~~

9 VAC 5-80-340. Annual permit program fee calculation.

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (ARTICLE 2 OF 9 VAC 5 CHAPTER 80)

A. The annual permit program fee shall not exceed the base year amount as specified in § 10.1-1322 B of the Virginia Air Pollution Control Law and shall be adjusted annually by the Consumer Price Index as provided in § 10.1-1322 B of the Virginia Air Pollution Control Law.

1. The annual permit program fee shall be increased (consistent with the need to cover reasonable costs) each year by the percentage, if any, by which the Consumer Price Index for the most recent calendar year ending before the beginning of such year exceeds the Consumer Price Index for the calendar year 1989. The Consumer Price Index for any calendar year is the average of the Consumer Price Index for all-urban consumers published by the U.S. Department of Labor, as of the close of the 12-month period ending on August 31 of each calendar year.

2. The revision of the Consumer Price Index which is most consistent with the Consumer Price Index for the calendar year 1989 shall be used.

B. The annual permit program fee described in subsection A of this section and the amount billed to the owner as provided in subsection A of 9 VAC 5-80-350 for a given year shall be calculated in accordance with the following formulae:

$$B = (A)(F)$$

$$F = X(1 + \Delta \text{CPI})$$

$$\Delta \text{CPI} = \text{CPI} - 122.15$$

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (ARTICLE 2 OF 9 VAC 5  
CHAPTER 80)

122.15

where:

B = the amount billed to the owner during the year after the year in which the actual emissions occurred, expressed in dollars

A = actual emissions covered by permit fees, expressed in tons

F = the maximum adjusted fee per ton for the calendar year in which the actual emissions occurred, expressed in dollars per ton

X = 25, expressed in dollars per ton

$\Delta$  CPI = the difference between the CPI and 122.15 (the average of the Consumer Price Index for all-urban consumers for the 12-month period ending on August 31, 1989)

CPI = the average of the Consumer Price Index for all-urban consumers for the 12-month period ending on August 31 of the year in which the emissions actually occurred, expressed as a percentage

C. The actual emissions covered by the permit program fees for the preceding

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (ARTICLE 2 OF 9 VAC 5 CHAPTER 80)

year shall be calculated by the owner and submitted to the department by April 15 of each year. The calculations and final amount of emissions are subject to verification and final determination by the department.

D. If the assessment of the annual permit program fee calculated in accordance with subsections A, B, and C of this section results in a total amount of fee revenue in excess of the amount necessary to fund the permit program costs, a lesser annual permit program fee shall instead be calculated and assessed according to the formula specified in subsection E of this section. Any adjustments made to the annual permit program fee shall be within the constraints of 40 CFR §70.9 and §10.1-1322 of the Virginia Air Pollution Control Law.

E. The lesser annual permit program fee shall be calculated according to the following formula: estimated permit program costs [  $\{ \pm \}$  ] estimated actual emissions = lesser annual permit program fee. The estimated permit program costs and estimated actual emissions shall be determined from the data specified in subsections E 1 and E 2 of this section, incorporating any anticipated adjustments to the data.

1. The current permit program costs shall be determined from the most recent available annual expenditure record of the amount spent by the department on permit program costs.

2. The current actual emissions shall be determined from the most

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (ARTICLE 2 OF 9 VAC 5 CHAPTER 80)

recent available annual emissions inventory of the actual emissions for each regulated pollutant subject to fees from all sources subject to the annual permit program fee.

9 VAC 5-80-350. Annual permit program fee payment.

A. Upon determining that the owner owes an annual permit program fee, the department shall mail a bill for the fee to that owner no later than August 1, or in the case of the initial bill no later than 60 days after federal program approval, unless the governor determines that fees are needed earlier for Virginia to maintain primacy over the program, as provided for in § 10.1322 B of the State Air Pollution Control Law.

B. Within 30 days following the date of the postmark on the bill, the owner shall respond in one of the following ways:

1. The owner ~~may shall~~ pay the fee in full. ~~The fee shall be paid by check or money order made payable to "Department of Environmental Quality" and mailed to the address specified by the department.~~

~~[2. The owner may elect to pay the fee in equal quarterly payments and shall pay one quarter of the fee. The first payment shall be accompanied by a written statement that the second quarter of the fee shall be paid no later than December 1 of the year of the issuance of the bill, the third quarter of the fee shall be paid no later than March 1 of the year following the issuance of the bill, and the fourth quarter of the fee shall be paid~~

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (ARTICLE 2 OF 9 VAC 5 CHAPTER 80)

no later than June 1 of the year following the issuance of the bill. If an owner fails to pay a quarterly payment by the deadline, the department may, in addition to other remedies available under the law, issue to the owner a notice of failure to pay. The notice shall require payment of the entire remainder of the annual fee payment within 30 days of the date of the notice, or inform the owner that he shall be ineligible to opt for the quarterly payment schedule established in this subdivision until eligibility is reinstated by written notice from the department, or both.

~~2. 3. ] The owner may make a written request to the department to authorize an alternative payment schedule. The deadline for payment of the fee shall be held in abeyance pending the department's response. The owner may file a request that the fee amount be revised if he can document that the emissions estimate on which the fee was based is in error. This request shall include appropriate source identification data, the revised emissions estimate, the revised fee amount, adequate supporting documentation, and other information as the board may require. The owner shall file the request with the appropriate regional office in a form acceptable to the board. If the department approves the request, [the revised fee amount shall be paid in full within 30 days of the date of rejection. the revised fee amount shall be paid in one of two ways:~~

~~a. \_\_\_\_\_ in full within 30 days of the date of approval; or~~

~~b. \_\_\_\_\_ in quarterly payments, with the first payment being paid within 30 days of the date of approval and the other payments being paid according to the schedule set~~

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (ARTICLE 2 OF 9 VAC 5  
CHAPTER 80)

out in subdivision B 2 of this section.]

~~C. The fee shall be paid by check or money order made payable to the "Treasurer of Virginia" and mailed to the address specified by the department. [Failure of the owner to respond within 90 days following the date of the postmark on the bill in one of the two ways specified in subsection B of this section shall be grounds to institute a collection action against the owner by the Attorney General or to initiate appropriate enforcement action as provided in the Virginia Air Pollution Control Law.]~~

~~9 VAC 5-80-355. Review and confirmation of this article by board.~~

~~A. Within three years following the approval by the U.S. Environmental Protection Agency of this article, the department shall provide the board with an analysis to include (i) an assessment of the effectiveness of this article, (ii) the status of any specific federal requirements and the identification of any provisions more stringent than the federal requirements, (iii) the federal approval status of this article and (iv) an assessment of the need for continuation of this article.~~

~~B. Upon review of the department's analysis, the board shall confirm (i) the continuation of this article, (ii) the repeal of this article or (iii) the need to amend this article. If a decision is made in either of the latter two cases, the board shall authorize the department to initiate the applicable regulatory process to carry out the decision of the board.~~

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (ARTICLE 2 OF 9 VAC 5  
CHAPTER 80)

I:\OPD\COMMON\REG\OLD-DEV3\K97-FINREG-802-NEW.DOC